

FIG. 2

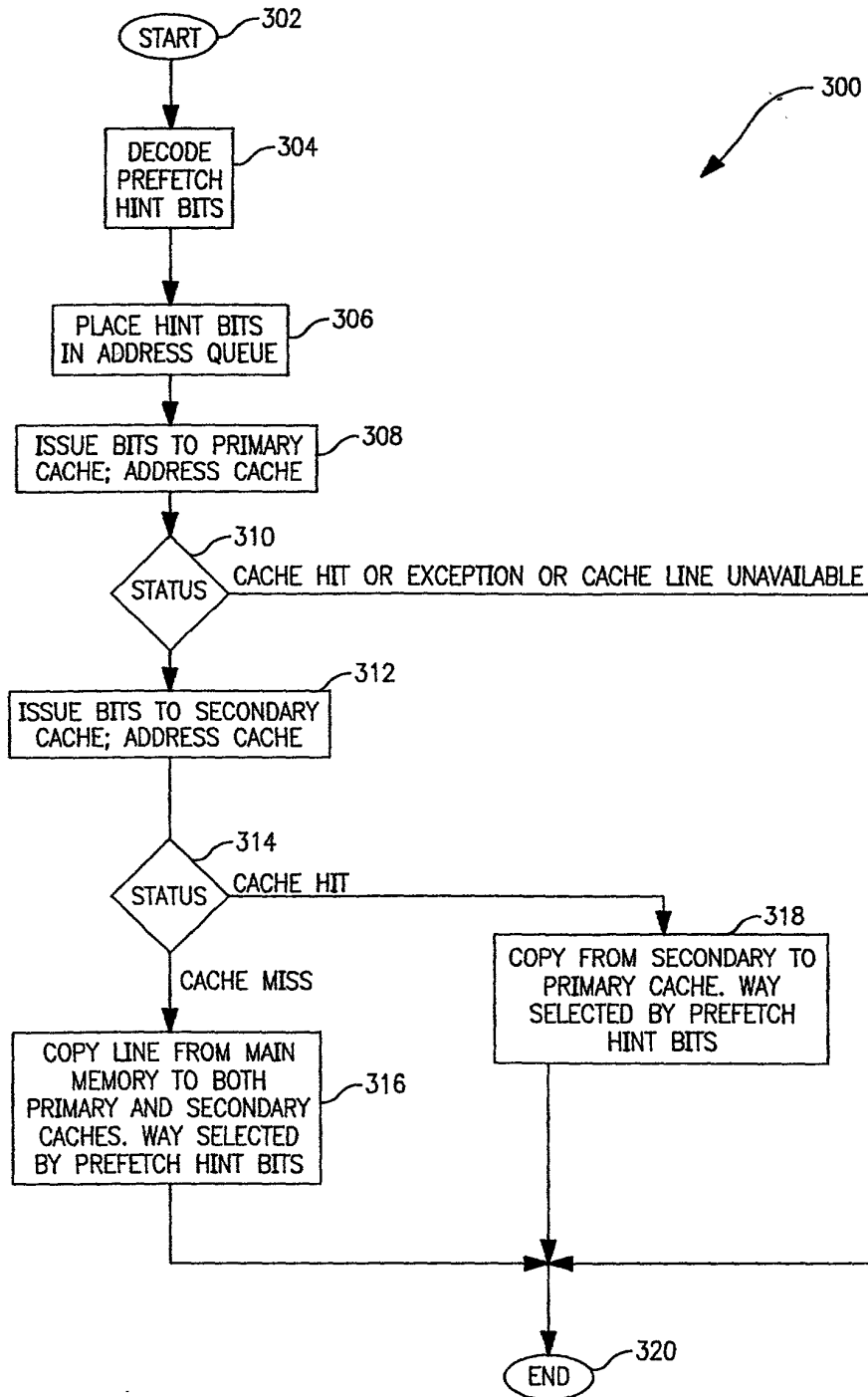


FIG. 3

PREFETCH (HINT = REFILL WAY 0)

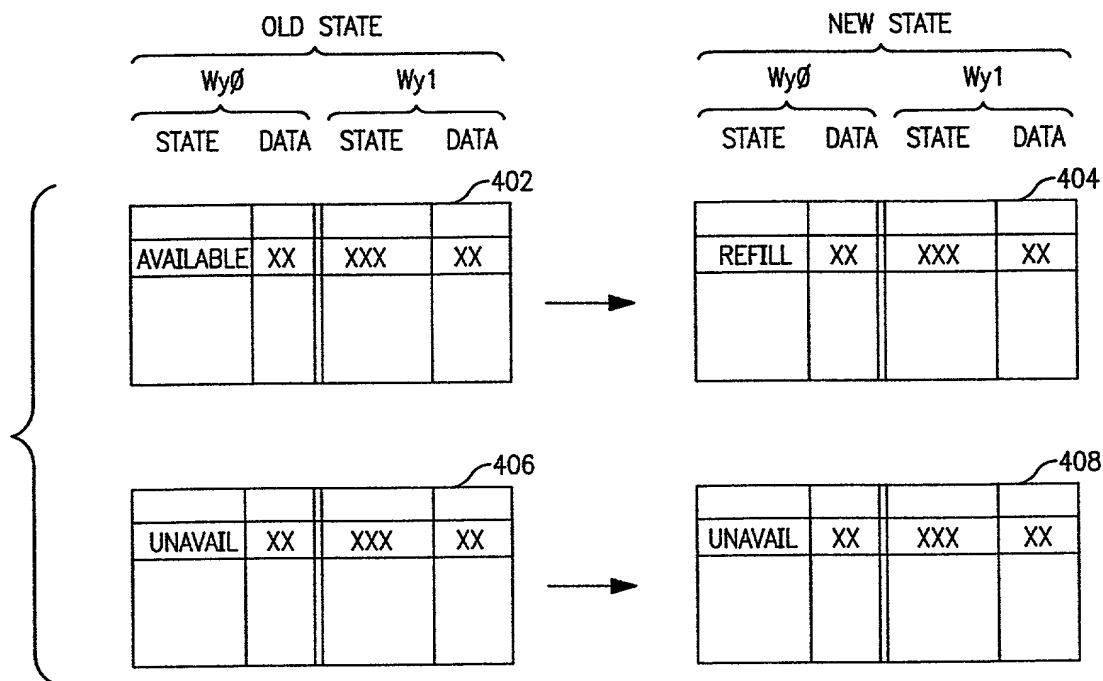


FIG. 4

PREFETCH (HINT = REFILL WAY1 )

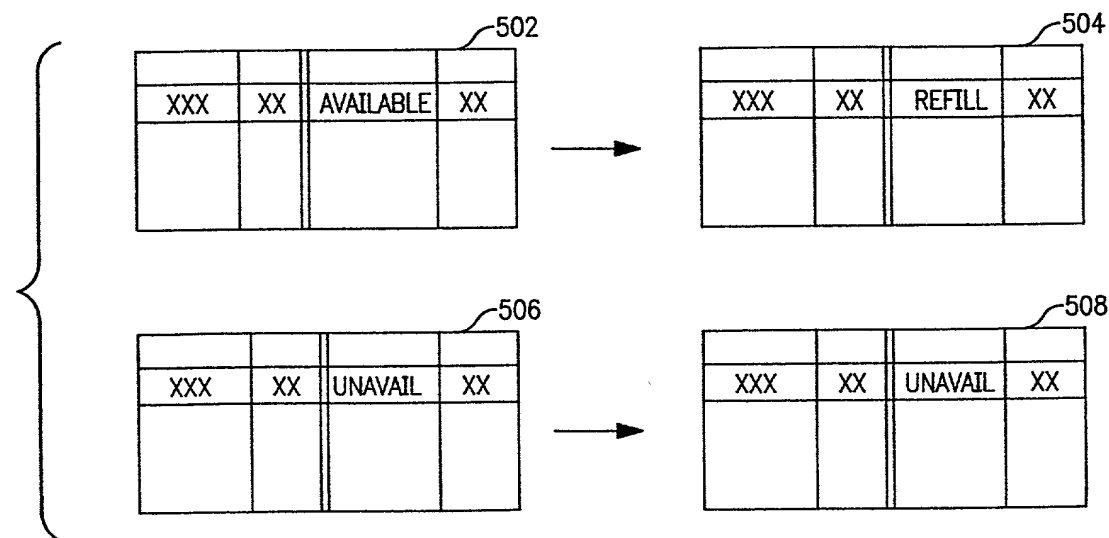
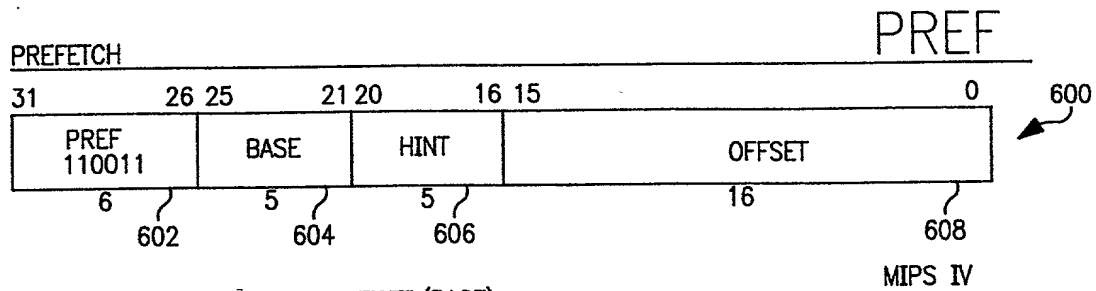
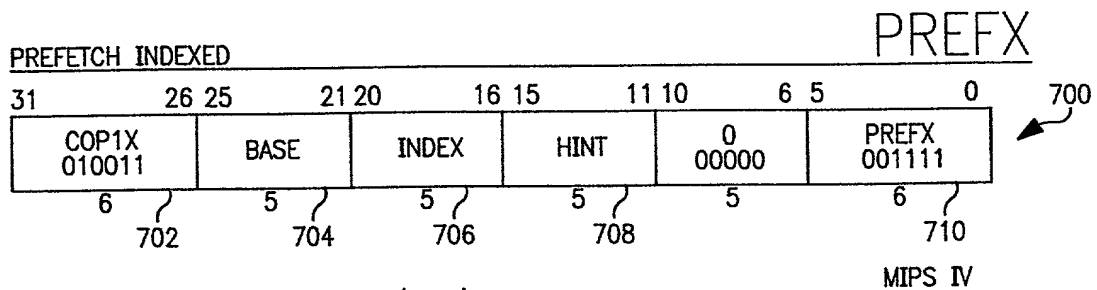


FIG. 5



FORMAT: PREF HINT, OFFSET (BASE)  
 PURPOSE: TO PREFETCH DATA FROM MEMORY  
 DESCRIPTION: PREFETCH\_MEMORY(BASE+OFFSET)

**FIG. 6**



FORMAT: PREFIX HINT, INDEX(BASE)  
 PURPOSE: TO PREFETCH LOCATIONS FROM MEMORY (GPR+GPR ADDRESSING).  
 DESCRIPTION: PREFETCH\_MEMORY(BASE+INDEX)

**FIG. 7**

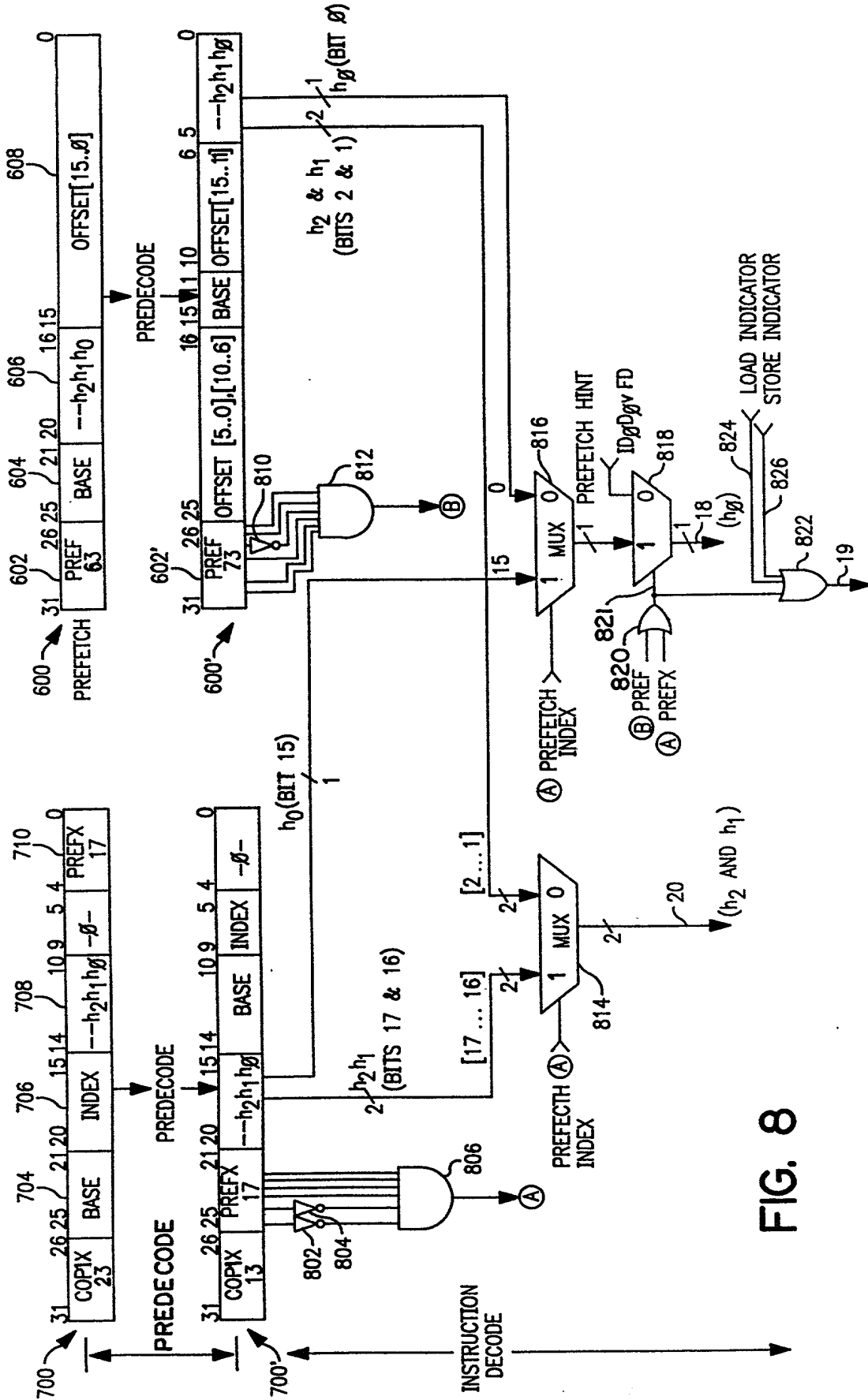


FIG. 8

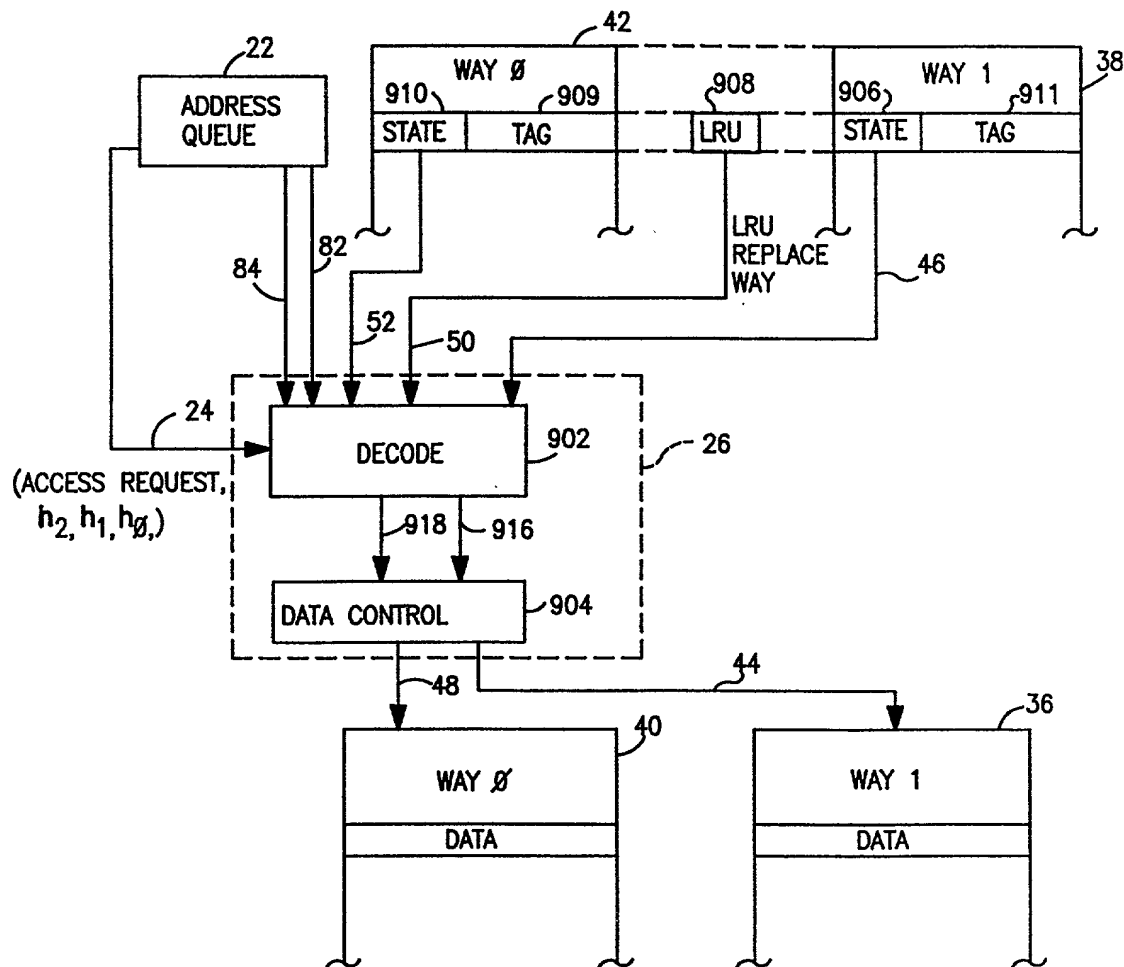


FIG. 9

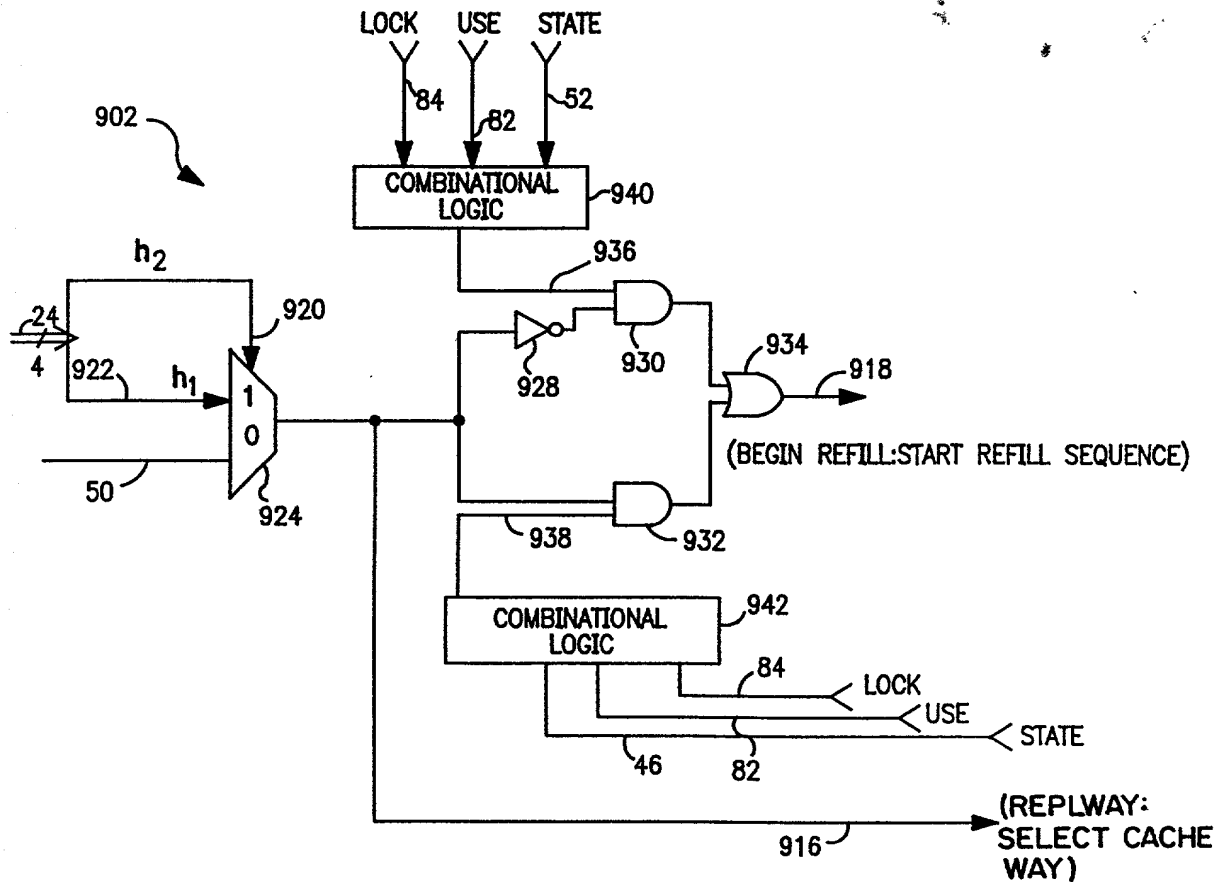


FIG. 10

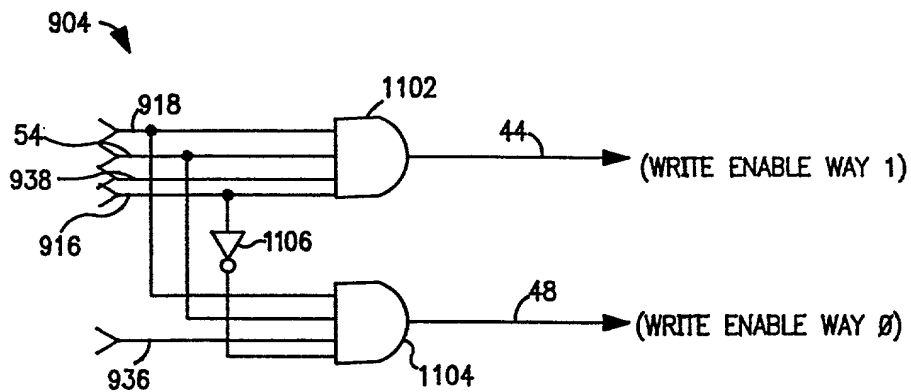


FIG. 11



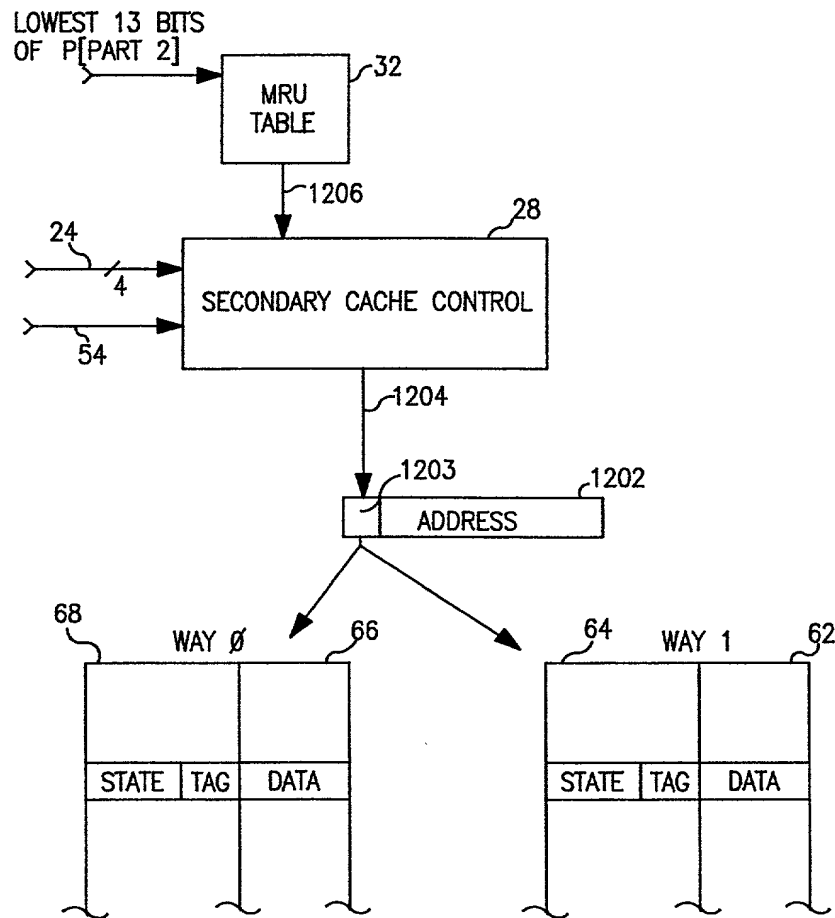


FIG. 12

